

MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

List PWS ID #s for all Water Systems Covered by this CCR

Magne's Creek Water Hssoc., Inc.

	ederal Safe Drinking Water Act requires each <i>community</i> public water system to develop and distribute a consumer ence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR we mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.
	Answer the Following Questions Regarding the Consumer Confidence Report
	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
	Advertisement in local paper On water bills Other
	Date customers were informed: <u>S 136/11</u>
	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:
	Date Mailed/Distributed: / /
	CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)
	Name of Newspaper: The Tylentown Times Columbian Progress
	Date Published: 5 126/11
	CCR was posted in public places. (Attach list of locations)
	Date Posted: / /
	CCR was posted on a publicly accessible internet site at the address: www
CERTI	IFICATION
	y certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in and manner identified above. I further certify that the information included in this CCR is true and correct and is ent with the water quality monitoring data provided to the public water system officials by the Mississippi State nent of Health, Bureau of Public Water Supply.
<u> Name</u>	Title (President, Mayor, Swner, etc.) 6-3-1/ Date
	Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

2010 Annual Drinking Water Quality Report

Magee's Creek Water Association, Inc. PWS ID # 740076 May 19, 2011

Is my water safe?

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

Our water comes from 5 deep wells located in the Miocene Aquifer.

Source water assessment and its availability

Our source water assessment has been completed. Our wells were ranked LOWER in terms of susceptibility. For a copy of this report, please contact our office at 601-876-4838.

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity: microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses; organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems; and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

How can I get involved?

Please join us at our monthly meetings on the second Thursday of each month at our office located at 515 Manning's Crossing Rd. Meetings begin at 7:00 p.m.

Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Magee's Creek Water Association, Inc. is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms. we have provided the definitions below the table.

Contaminants	MCLG or MRDLG	MCL, TT, or MRDL	1	Ran	~ 1	Sample <u>Date</u>	Violation	Typical Source
Disinfectants & Disi	infectant B	y-Produc	ets				Composition 1	f microbial conteminants)
	evidence th	at additio	on of a dis	sintecta	nt is ne	cessary	for control c	of microbial contaminants)
Chlorine (as Cl2) (ppm)	4	4	1.41	1.34	1.41	2010	No	Water additive used to control microbes
Inorganic Contamii	nants				i destile i fi	3 (4) (5)		
Antimony (ppb)	6	6	0.0005	0.0005	0.000	2010	No	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; test addition.
Arsenic (ppb)	0	10	0.0005	0.0005	0.000	5 2010	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	0.0334	0.0207	0.033	4 2010	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Beryllium (ppb)	4	4	0.0001	0.0001	0.000	1 2010	No	Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries
Cadmium (ppb)	5	5	0.0005	0.0003	0.000	5 2010	No	Corrosion of galvanized pipes Erosion of natural deposits; Discharge from metal refineries; runoff from waste batteries and paints
Fluoride (ppm)	4	4	0.1	0.1	0.1	2010	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories

Mercury [Inorganic] (ppb)	2	2	0.0002	0.0002	0.000)2 2	2010]	No	Dis fac lan	osion of natural deposits; scharge from refineries and tories; Runoff from dfills; Runoff from opland
Selenium (ppb)	50	50	0.0006	0.0005	0.000	06 2	2010]	No	me nat	scharge from petroleum and stal refineries; Erosion of cural deposits; Discharge m mines
Thallium (ppb)	0.5	2	0.0005	0.0005	0.000	06 2	2010		No	gla pro	scharge from electronics, ass, and Leaching from ore- ocessing sites; drug stories
Cyanide [as Free Cn] (ppb)	200	200	0.015	0.015	0.01	.5 2	2010	-	No	fer fro	scharge from plastic and tilizer factories; Discharge om steel/metal factories
Nitrate [measured as Nitrogen] (ppm)	10	10	0.44	0.25	0.44	4	2010		No	Le se	moff from fertilizer use; aching from septic tanks, wage; Erosion of natural posits
Volatile Organic Cor	ntaminants	3									
Vinyl Chloride (ppb)	0	2	0.5	0.5	0.5	2	010]	No	Leaching from PVC piping; Discharge from plastics factories	
Benzene (ppb)	0	5	0.5	0.5	0.5	2	010]	No L		scharge from factories; aching from gas storage ks and landfills
****			Your	Samp	ole	# S	Samples		Exc	eeds	
Contaminants	MCLG	<u>AL</u>	Water	Dat	<u>e</u> <u>F</u>	Exce	eding A	L	A	L	Typical Source
Inorganic Contamin	ants						A Tra				
Copper - action level at consumer taps (ppm)	1.3	1.3	0	201	0		0		N	lo	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (ppb)	0	15	0.001	201	0		0		N	lo	Corrosion of household plumbing systems; Erosion of natural deposits

Undetected Contaminants

The following contaminants were monitored for, but not detected, in your water.

Contaminants	MCLG or MRDLG	MCL or <u>MRDL</u>	Your <u>Water</u>	<u>Violation</u>	Typical Source
Haloacetic Acids (HAA5) (ppb)	NA	60	ND	No	By-product of drinking water chlorination
TTHMs [Total Trihalomethanes] (ppb)	NA	80	ND	No	By-product of drinking water disinfection

Unit Descriptions	
Term	Definition

ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (μg/L)
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.

mportant Drinking Water Definition	ns
Term	Definition
MCLG	MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
MCL	MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL	MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

For more information please contact:

Contact Name: Travis Marbury

Address:

515 Manning's Crossing Rd. Tylertown, MS 39667 Phone: 601-876-4838

Fax: 601-876-4864

E-Mail: travis1@wb4me.com

2011 JULY 7 181 9:46

PROOF OF PUBLICATION

THE STATE OF MISSISSIPPI COUNTY OF MARION

Personally appeared before me, the undersigned Notary Public, in and for the County and state aforesaid, Susan Amundson who being by me and duly sworn, states on oath that she is Legal Clerk of the Columbian-Progress a newspaper published in the City of Columbia, State and County, aforesaid, and that the publication of the notice, a copy of which is hereto attached, has been made in said papertime(s), as follows:	
In Vol. 109 No. 13 Date do day of May 2011	
In Vol. 109 NoDateday of2011	
In Vol. 109 NoDateday of2011	
In Vol. 109 NoDateday of2011	
Signed . Susan Amundson	
Sworn to and subscribed before me, this 26 day of 11 aug 2011.	
Bennie Hudson Notary Public ID No 79251 NOTARY PUBL Comm Expire November 3, 29	
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No. words at Total \$3 \(\) 1400\(\) 10.40 \(\) 436.8	3 C
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2010 Annual Drinking Water Quality Report

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For more information please contact: Travis Marbury at 515 Manning & Crossing Rd.
Tylertown, MS 39667 + 601-876-4838 or 601-876-4894 + mova@ielenak.net

THURSDAY COLUMBIAN May 26, 2011 PROGRESS

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Water Quality Data Table

In order to exsuer that toy water's age to thruk, FPA procedure regulations which limit the automa of contamt in water provided by problet were systems. The table below lists all of the delinking water constituents that we descreed taking the scledard year of the targot. Although many more constitutions were tested, such that seems and the second of district were tested to the provided and the state of the second transmiss. At least one set of districts, water contains more an establishment of the second to provide increased profession of the second provided in the second provided increased profession of the second provided in the second provided provided in the second provided in the second provided in the second provided in the second provided provided in the second provided pr

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Disinfectants & Dis								
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inorganic Contam	trants .					6.00		
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